

DEPARTMENT OF THE AIR FORCE  
Headquarters, US Air Force  
Washington DC 20330-5000

AFMS 42F1  
15 June 1994

#### AERIAL PORT FLEET SERVICE

1. Mission Statement. The mission objective of this flight is to: Remove and dispose of aircraft waste, deliver in-flight meals and potable water, order passenger convenience items, and clean aircraft interiors and galleys.

2. Authority. AMCR 76-1, Air Transportation, provides policy and procedural guidance for this work center. This standard was developed under an objective flight study in accordance with policy and guidance from the Air Staff and AFR 25-5.

3. Applicability:

- a. This is a peacetime Air Force Manpower Standard (AFMS).
- b. This standard applies to CONUS and overseas Air Force installations supporting a full Aerial Port Operation: Anderson, Charleston, Dover, Elmendorf, Hickam, Howard, Kadena, McChord, McGuire, Ramstein, Rhein Main, Travis, and Yokota.
- c. This standard does not apply to Andrews AFB. It also does not apply to AF Reserve or Air National Guard.
- d. This AFMS does not apply to flights which have been cost compared (OMB Circular A-76). Bases should develop negative variances to account for processes not performed or performed by contract and positive variances for processes performed but not included in the AFMS.

4. Core Composition. The core composition of this AFMS was developed for a Aerial Port Fleet Service Flight to support an objective wing having a core composition of 251 - 500 aircraft serviced per month.

- a. Core Flight Manpower Required. 25
- b. Core Range. 20 - 55
- c. Major Programmable factor. Aircraft serviced.

5. Standard Data:

- a. Classification: Type III
- b. Approval Date: March 1993
- c. Manpower data source: Workshop measurement.

d. Manpower Equation: See capability matrix.

e. Workload Factor:

(1) Title. An aircraft serviced.

(2) Definition. Forecasted average monthly number of aircraft to be serviced in the following FY by the Aerial Port Fleet Service Flight.

(3) Source. Collect a minimum of 12 months historical data from AMC Form 82, RCS: AMC-XOP(M&Q)7107, Monthly Station Traffic Handling Report, Section V, Aircraft Fleet Serviced, Total Aircraft. Analyze workload trends. Based on known mission requirements, HQ AMC/XOP will project workload for the next FY. Projected workload for the entire system will not exceed historical system workload.

f. Study Team:

(1) Lead Technician      Mr Larry Rose, AFLOGMET/MEMT  
                                  Mr Ken Albrecht, AFLOGMET/MEMT  
                                  Mr Dan Starkweather, 60 AW/MO

(2) Functional Representative - Mr E. Roberts, HQ USAF/LGTX

(3) Program Manager -Mr Art Dublin, HQ AFMEA/MEMS  
                                  Ms Mary Hart, HQ AMC/XPME

## 6. Application Instructions.

a. Determine the manpower by using the below listed capability matrix.

Average Number of Aircraft Serviced	Manpower Earned
1 - 250	20
251 - 500	23
501 - 750	26
751 - 1000	29
1001 - 1250	32
1251 - 1500	35
1501 - 1750	38
1751 - 2000	41
2001 - 2250	44
2251 - 2500	47
2501 - 2750	50
2751 - 3000	53
3001 - 3250	56
3251 - 3500	59
3501 - 3750	62

b. Determine variance manpower. Using the applicable variance(s) (see atch 3) for your base, add/subtract to or from the manning indicated, the core authorizations determined in step 6a above. This number will be the authorized strength for the Aerial Port Fleet Service Flight. Refer to attachment 2 for the grade and skill table.

7. Statement of Conditions. Standard hours of operation for the Aerial Port Fleet Service work centers are 24 hours per day, 7 days per week.

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1. Work Center Description
2. Standard Manpower Table
3. Approved Variances
4. Process Analysis Summary

## WORK CENTER DESCRIPTION

## AERIAL PORT FLEET SERVICES

1. Performs Management and Administration.
2. Removes and Disposes of Aircraft Waste.
3. Delivers In-Flight Meals.
4. Delivers Potable Water.
5. Orders Passenger Convenience Items.
6. Cleans Aircraft Galleys.
7. Cleans Aircraft Interior.

NOTE: The above listed processes are in prioritized order.

STANDARD MANPOWER TABLE											
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE								
Aerial Port Fleet Services Flight/42F1			803.5 - 10766.9								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Air Transport Supt	2T291	SMS									
Air Transport Crftmn	2T271	MSG	1	1	1	1	1	1	1	1	1
Air Transport Crftmn	2T271	TSG									
Air Transport Jrnymn	2T251	SSG		1	1	1	1	1	1	1	1
Air Transport Jrnymn	2T251	SRA	1	1	1	2	2	3	3	4	4
Air Transport Apr	2T231	A1C	1	1	2	2	3	3	4	4	5
**Inventory Mgt Jrnymn	2SO51	SSG	1	1	1	1	1	1	1	1	1
**Information Mgt Jrnymn	3A051	SRA	1	1	1	1	1	1	1	1	1
TOTAL			5	6	7	8	9	10	11	12	13
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Air Transport Supt	2T291	SMS									
Air Transport Crftmn	2T271	MSG	1	1	1	1	1	1	1	1	1
Air Transport Crftmn	2T271	TSG			1	1	1	1	1	1	1
Air Transport Jrnymn	2T251	SSG	2	2	2	2	2	2	2	3	3
Air Transport Jrnymn	2T251	SRA	4	4	4	5	5	6	6	6	6
Air Transport Apr	2T231	A1C	5	6	6	6	7	7	8	8	9
**Inventory Mgt Jrnymn	2SO51	SSG	1	1	1	1	1	1	1	1	1
**Information Mgt Jrnymn	3A051	SRA	1	1	1	1	1	1	1	1	1
TOTAL			14	15	16	17	18	19	20	21	22

\*\*May substitute a 2T2XX

STANDARD MANPOWER TABLE											
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE								
Aerial Port Fleet Services Flight/42F1			803.5 - 10766.9								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Air Transport Supt	2T291	SMS									
Air Transport Crftmn	2T271	MSG	1	1	1	1	1	1	1	1	1
Air Transport Crftmn	2T271	TSG	1	1	1	1	1	1	1	1	1
Air Transport Jrnymn	2T251	SSG	3	3	3	3	4	4	4	4	4
Air Transport Jrnymn	2T251	SRA	7	7	8	8	8	8	9	10	10
Air Transport Apr	2T231	A1C	9	10	10	11	11	12	12	12	13
**Inventory Mgt Jrnymn	2SO51	SSG	1	1	1	1	1	1	1	1	1
**Information Mgt Jrnymn	3A051	SRA	1	1	1	1	1	1	1	1	1
TOTAL			23	24	25	26	27	28	29	30	31
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Air Transport Supt	2T291	SMS									1
Air Transport Crftmn	2T271	MSG	1	1	1	1	1	1	1	1	
Air Transport Crftmn	2T271	TSG	1	1	2	2	2	2	2	2	2
*Air Transport Jrnymn	2T251	SSG	4	5	5	5	5	5	5	5	6
Air Transport Jrnymn	2T251	SRA	10	10	10	10	11	11	12	12	12
Air Transport Apr	2T231	A1C	14	14	14	15	15	16	16	17	17
**Inventory Mgt Jrnymn	2SO51	SSG	1	1	1	1	1	1	1	1	1
**Information Mgt Jrnymn	3A051	SRA	1	1	1	1	1	1	1	1	1
TOTAL			32	33	34	35	36	37	38	39	40

\*May substitute one 2SO51 for a 2T251 at Strat Ports only when manning exceeds 40.

\*\*May substitute a 2T2XX

STANDARD MANPOWER TABLE											
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE								
Aerial Port Fleet Services Flight/42F1			803.5 - 10766.9								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Air Transport Supt	2T291	SMS	1	1	1	1	1	1	1	1	1
Air Transport Crftmn	2T271	MSG									
Air Transport Crftmn	2T271	TSG	2	2	2	2	2	2	2	2	2
*Air Transport Jrnymn	2T251	SSG	6	6	6	6	6	6	7	7	7
Air Transport Jrnymn	2T251	SRA	13	13	14	14	15	15	15	16	16
Air Transport Apr	2T231	A1C	17	18	18	19	19	20	20	20	21
**Inventory Mgt Jrnymn	2SO51	SSG	1	1	1	1	1	1	1	1	1
**Information Mgt Jrnymn	3A051	SRA	1	1	1	1	1	1	1	1	1
TOTAL			41	42	43	44	45	46	47	48	49
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Air Transport Supt	2T291	SMS	1	1	1	1	1	1	1	1	1
Air Transport Crftmn	2T271	MSG									
Air Transport Crftmn	2T271	TSG	2	2	2	3	3	3	3	3	3
*Air Transport Jrnymn	2T251	SSG	7	7	7	7	8	8	8	8	8
Air Transport Jrnymn	2T251	SRA	16	17	17	17	17	17	18	18	19
Air Transport Apr	2T231	A1C	22	22	23	23	23	24	24	25	25
**Inventory Mgt Jrnymn	2SO51	SSG	1	1	1	1	1	1	1	1	1
**Information Mgt Jrnymn	3A051	SRA	1	1	1	1	1	1	1	1	1
*May substitute one 2SO51 for a 2T251 at Strat Ports only when manning exceeds 40.											
**May substitute a 2T2XX											
TOTAL			50	51	52	53	54	55	56	57	58

STANDARD MANPOWER TABLE											
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE								
Aerial Port Fleet Services Flight/42F1			803.5 - 10766.9								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Air Transport Supt	2T291	SMS	1	1	1	1	1	1	1	1	1
Air Transport Crftmn	2T271	MSG									
Air Transport Crftmn	2T271	TSG	3	3	3	3	3	3	3	3	3
*Air Transport Jrnymn	2T251	SSG	8	9	9	9	9	9	9	9	9
Air Transport Jrnymn	2T251	SRA	19	19	19	20	20	21	21	22	22
Air Transport Apr	2T231	A1C	26	26	27	27	28	28	29	29	30
**Inventory Mgt Jrnymn	2S051	SSG	1	1	1	1	1	1	1	1	1
**Information Mgt Jrnymn	3A051	SRA	1	1	1	1	1	1	1	1	1
TOTAL			59	60	61	62	63	64	65	66	67
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
*May substitute one 2S051 for a 2T251 at Strat Ports only when manning exceeds 40.											
**May substitute a 2T2XX											
TOTAL											



## VARIANCES

NOTE: All impacts are in manpower authorizations unless otherwise stated.

1. TITLE: Positive environmental Variance for Cold Weather for Elmendorf.

DEFINITION: Additional time is required for ice removal, warmup of vehicle, adding snow chains, increased travel time due to excessive icy roads, and increased time to perform tasks due to cold weather.

IMPACT: +1

APPLICABILITY: Elmendorf

2. TITLE: Negative Mission Variance for Reduced Number of Comfort Pallets.

DEFINITION: The determinants provides 5 authorizations for comfort pallet workload. Locations with less than 20 comfort pallets assigned need a negative variance.

IMPACT: -5 authorizations if zero comfort pallets assigned.  
-2 authorizations if less than 10 comfort pallets assigned.

APPLICABILITY: Andersen  
Elmendorf  
Hickam  
Howard  
Kadena  
Ramstein  
Rhein Main

3. TITLE: Positive Mission Variance for Increased Percentage of C-5 aircraft.

DEFINITION: The determinant provides credit for servicing a wide range of aircraft types. Time to service a C-5 is greater than any other aircraft. C-5 aircraft servicing workload is about 10% for most locations. Both Travis and Dover C-5 workload is in excess of 30%. They are also required to purge the water tanks on each aircraft that returns from isochronal inspection.

IMPACT: +5

APPLICABILITY: Dover and Travis

## PROCESS ANALYSIS SUMMARY

PROCESS TITLE	PROCESS TIME (MAN-HOURS)	MONTHLY PROJECTED WORKLOAD	FRACTIONAL MANPOWER
Performs Management and Administration	321.4	Fixed	2.00
Removes and disposes of aircraft waste; delivers in-flight meals; delivers potable water; cleans aircraft interior	3535.4 Aircraft Serviced	251 - 500	22.00
Orders passenger convenience items	160.7	Fixed	<u>1.00</u>
TOTAL FRACTIONAL MANPOWER			25.00

## NOTES:

1. Because of the inherent nature of servicing 251-500 aircraft, it is not feasible to break out the fractional manpower associated with the tasks, therefore "Process Time" reflects all man-hours associated with process.
2. The above processes are not in prioritized order. See work center description for priority order.